Tripp Lite
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Model #: BCPRO850

BC Pro UPS System - Standby UPS System

Highlights

- 850VA standby, tower UPS system
- Offers battery derived AC output during blackouts and brownouts starting at 99V
- 6 protected AC outlets (NEMA 5-15R)
- USB communications port and cabling for use with free PowerAlert monitoring software
- $200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's BCPRO850 standby UPS system offers surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. UPS inverter and auto-transfer circuits maintain battery derived AC output during power failures and brownouts so that connected equipment can be safely shutdown without data loss. Includes 6 battery supported AC outlets. USB monitoring port enables optional unattended system shutdown in the case of extended power failure. PowerAlert UPS monitoring and shutdown software available via free download from www.tripplite.com. Built-in audible alarm and 5 front panel LEDs indicate line power, battery power, low/high input voltage detected, overload and battery low/replace status. 850VA/600 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Offers 9 minutes battery runtime with a full load of 850VA and 26 minutes with a half load of 425VA. Offers up to 55 minutes runtime with a single desktop computer and 15 inch monitor. Supports user battery replacement via built-in access panel. 2 year warranty. $200,000connected equipment insurance (USA & Canada only).

Applications

- Personal computers, network workstations, small & mid-size business telephone/voicemail systems, home office workstations, small-business servers, hubs, routers and more.

Package Includes

- BCPRO850 UPS System
- USB cable
- Warranty information
- Instruction manual

Features

- BCPRO850 standby UPS system offers battery support during blackouts and brownouts, plus AC line surge suppression
- Maintains user productivity during utility power problems enabling a safe system shutdown without data loss
- Supports a max load of 850VA/600 watts for 9 minutes
- Supports a half load of 425VA/300 watts for 26 minutes
- Offers extended runtime operation of up to 55 minutes when used with a single desktop PC and 15 inch monitor
- Supplies battery derived AC output during brownouts starting at 99 volts
- Attractive gray small footprint upright tower configuration
- Includes 6 battery supported NEMA 5-15R output receptacles, 6 foot AC line cord (NEMA 5-15P input connection)
- Built-in USB port enables unattended shutdown without data loss during extended power failures
- Communications port supports on battery, low battery and power restored messaging - plus additional data regarding AC line voltage and battery charge level
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting

completely locked computers by automatically switching UPS power off and back on again

- PowerAlert UPS monitoring and shutdown software available via free download from http://www.tripplite.com
- Two front panel switches support power off/on control, alarm cancel and UPS self test functions
- Built-in audible alarm and 5 front panel LEDs indicate line power, battery power, battery low/replace and overload status
- 850VA power handling ability supports a variety of computer, internetworking, telecom and overload status
- Supports hot swappable user battery replacement via built-in access panel
- Compatible with 120V/60Hz applications
- UL1778 listed (USA), cUL (Canada), NOM (Mexico), FCC Class B
- 2 year manufacturers warranty
- $200,000 connected equipment insurance (USA & Canada only)

Specifications

OUTPUT	
Frequency compatibility	60 Hz
Output VA	850
Output watts	600
Output nominal voltage	120V AC
Output voltage regulation	BATTERY MODE: PWM sine wave output 115V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type	6 NEMA 5-15R
INPUT	
UPS Input cord length (ft.)	6 ft., 16 gauge
Recommended Electrical Service	15A 120V
Maximum Input Amps (A)	5.8A / 650 watts
Input connection type	NEMA 5-15P
Voltage compatibility (VAC)	120
BATTERY	
DC system voltage (VDC)	18
Battery Access	Battery access door allows user replacement of UPS batteries
Full load runtime	9 minutes (850VA)
Half load runtime	26 minutes (425VA)
Typical battery lifespan	3-6 years, depending on usage
Battery recharge rate	2-4 hours to 90%
LEDS ALARMS & SWITCHES	
Alarms	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain.

Switches	Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button
Front panel LEDs	5 front panel LEDs indicate line power status, battery power status, battery low/replace status, low/high input voltage detected and overload status
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	1800 joules
EMI / RFI AC noise suppression	Yes
AC suppression response time	Instantaneous
PHYSICAL	
Shipping weight (lbs)	30.5
Shipping weight (kg)	13.8
Cooling method	Convection
Unit Dimensions (HWD/in)	11.75 x 7.25 x 7.25
Unit Dimensions (HWD/cm)	29.8 x 18.4 x 18.4
Unit weight (lbs)	28.6
Unit weight (kg)	13
Material of construction	Polycarbonate
Form factors supported	Tower, wall mountable with optional UPSWM accessory
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
COMMUNICATIONS	
WatchDog compatibility	Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
Network monitoring port	Built-in USB port supports on battery, low battery, power restored, AC line voltage, DC battery voltage and battery capacity messaging.
Software and cabling included	PowerAlert software available for free download at www.tripplite.com, cable included
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 99 volts or less. Resets back to line power mode as line voltage increases to 104V or higher.
High voltage transfer to battery power	Yes
SPECIAL FEATURES	
Appearance	Attractive gray tower UPS
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure

CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), cUL (Canada), FCC Class B (emissions), NOM (Mexico)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?variables.txtModelID=6.

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